

USCMS Engineer Status Report for May 2003

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June 1, 2004

1 Work Performed This Month

1) New redesigned Preshower was continued in april. Grouping of ROUs was introduced in Preshower. Number of master ROUs was set according to DCC number in TDR.

2) Generating Graviton and QCD background datasets (Caltech has this responsibility). 70k of graviton dataset already been generated as well as 9.2M of QCD background events. 3) Second draft of Eta calibration note has been finished. PRS approval has been obtained. Now it is in ECAL detector group. 4) Grid2004 (Dubna) Presentation was done. 5) Draft of presentation on Grid04 (Pittsburg) was done with Edward and Dan. 5) Statistical analysis of PBS jobs on all clusters is in progress. 6) Adaptation of our analysis code to ORCA8 and tests are in progress. DST will be introduced in a code.

2 Status of Deliverables

1) New redesigned Preshower was continued in april. Grouping of ROUs was introduced in Preshower. Number of master ROUs was set according to DCC number in TDR.

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of PBS jobs on all clusters is in progress. 6) Adaptation of our analysis code to ORCA8 and tests are in progress. DST will be introduced in a code.

3 Plans For Next Month

1) Continue Calorimetry redensing. 2) To make publish eta calibration note 3) CMS week presentation about our progress in graviton study 4) Caltech production will go into reconstruction in June-July 5) statistical analysis of our PBS tasks on platinum and other clusters. 6) preparations for the Grid04 presentation in Pittsburg in June-August.

4 Longer Term Plans

1) Continue Calorimetry redensing. 2) To make publish eta calibration note 3) CMS week presentation about our progress in graviton study 4) Caltech production will go into reconstruction in June-July 5) statistical analysis of our PBS tasks on platinum and other clusters. 6) preparations for the Grid04 presentation in Pittsburg in June-August.

5 Links To Supporting Documentation

- http://www.hep.caltech.edu/litvin/eta_calib_note.v3.ps